

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R000516310004-1

GORODNICHIN, N.T.; SHLYAPOBERSKIY, V.I.

Works of Russian innovators in the field of telegraphy in the second
half of the 19th century. Trudy po ist.tekh. no.6:59-73 '53. (MLRA 7:5)
(Telegraph--History)

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R000516310004-1"

VOYTENKO, I.P.; GORODNICHIN, N.T.; DEREVYANKO, L.V.; ZAKRASNYANYY,
F.D.; PARSHIN, V.F.; PURTOV, L.P.; SIDOROV, N.T.; SHAPOVALOV,
I.F.; KOMAROVA, Ye.V., red.; ROMANOVA, S.F., tekhn.red.

[Telegraph devices using noncontact switches] Telegrafnye
ustroistva na beskontaktnykh perekliuchateliakh. Moskva, Izd-
vo "Sviaz", 1964. 295 p. (MIRA 17:3)

GORODNICHII, A. F., ed.

Primernye normy vyrabotki i edinye rastsenki v trudodniakh... 1954. (55-28499)

norms of foremen of kolkhoz construction teams. Moskva, Gos. izd-vo sel'khoz. lit-
ry, 1954. 237 p. (55-28499)

TH85.G65

GORODNICHYI, A.P.; BIRYUKOV, V.V., redaktor; UDALOV, A.G., tekhnicheskiy
redaktor.

[Collection of production norms and wage rates (N i R); for paying construction workers within the Ministry of Agriculture of the U.S.S.R.] Sbornik proizvodstvennykh norm i rastenok (N i R); dlja rascheta s rabochimi na stroikakh v sisteme Ministerstva sel'skogo khoziaistva SSSR. Izd. 4-e, dop. Moskva, Izd-vo Ministerstva sel'skogo khoziaistva SSSR. Izd. 4-e, dop. Moskva, Izd-vo Ministerstva sel'skogo khoziaistva SSSR, 1954. 435 p. [Microfilm] (MIRA 8:2)

1. Russia (1923- U.S.S.R.) Ministerstvo sel'skogo khozyaystva. Glavnnoye upravleniye kapital'nogo stroitel'stva. Normativno-isledovatel'skaya stantsiya.
(Building—Accounting) (Wages)

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R000516310004-1"

GORODNICHII, Andrey Fedorovich

N/5
722.101
.G61
1955

Primeryye normy vyrabotki i yedinyye rastsenki v triddodnyakh na rabtoy po stroitel'stvu v kolkhozakh (Exemplary norms of production and the unified rate for the working-day on kolkhoz construction work, by) A. F. Gorodnickiy (LDR.) Izd. 3., ispr. 1 dop. Moskva, Sel'khozgiz, 1955.

306 p. tables.

At head of title: ministerstvo
Sel'skogo Khozyaystva SSR. Glavnoye Upravleniye Kapital'nogo Stroitel'stva.

GORODNICHII, A.Ye.

Some biological traits of young sturgeon in controlled flow
in the Don River. Zool.shur. 34 no.6:1326-1333 N-D '55.

(MLRA 9:1)

1. Dono-Kubanskaya nauchnaya rybokhozyaystvennaya stantsiya
Vsesoyuznogo Nauchno-issledovatel'skogo instituta rybolovstva
i okeanografii.

(Don River--Sturgeons)

GORODNICHII, A.Ye.

Ecology of the larvae of pike perch in Veselyy Reservoir. Vop.
ekol. 5:39-40 '62. (MIFI 16:6)

1. Azovskiy nauchno-issledovatel'skiy institut rybnogo khozyaystva,
Rostov-na-Donu.
(Veselyy Reservoir--Pike perch) (Larvae--Fishes)

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R000516310004-1

GORODNICHIIY, V.V. (Penza)

Solution of the indeterminate equation $x^{p^n} + y^{p^n} = Dz^{p^n}$.
Volzh. mat. sbor. no.1:52-61 '63. (MIRA 19:1)

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R000516310004-1"

USSR/Physics - Spectral analysis

Card 1/1 Pub. 43 - 18/97

Authors : Gorodnichus, G. A.

Title : Effect of temperature on the impact expansion of a resonance Hg line

Periodical : Izv. AN SSSR. Ser. fiz. 18/2, 255-256, Mar-Apr 1954

Abstract : The photometric method of comparing the so-called "complete absorption" at low and high temperatures was employed in determining the effect of temperature on the impact expansion of spectral lines. The results indicate that an increase in temperature from ~ 450 - $\sim 1260^{\circ}$ K is followed by an expansion in the semi-width of the spectral line of $10 \pm 4\%$. Also the line asymmetry decreases by about 10%. An increase in temperature from 140 - 170° to 990 - 1010° C does not change the position of the spectral line which had an accuracy of 0.02 Å. Four references: 1 USSR; 1 German and 2 USA (1925-1939).

Institution : State University, Vilno, Lith-SSR

Submitted:

L 18582-63

EWP(q)/EWT(m)/BDS AFFTC/ASD JD/JG

ACCESSION NR: AT3002112

S/2910/61/001/01-/0163/0177

AUTHORS: Gorodnichyute, M. G., Gorodnichyus, G. A.

TITLE: Dependence of collision effects in an underwater spark of the spectral lines of Cadmium on the Cadmium and Zinc concentration in the electrodes

SOURCE: AN Lit SSR. Litovskiy fizicheskiy sbornik. v.1, no.1-2, 1961, 163-177

TOPIC TAGS: collision effect, spectral line, spark, underwater spark, Cd, Zn, widening, broadening, shift, asymmetry, absorption, spectroscopy, zinc, cadmium

ABSTRACT: The purpose of the experimental investigation described was a determination of the proper pressure and the extraneous pressure on the spectral lines of Cd through the employment of the Zn atoms that are a spectroscopically germane element as disturbing particles. This investigation of the effect of collisions with like and extraneous atoms and molecules on collision effects on the spectral lines, the width, displacement, and asymmetry of 16 spectral lines of Cd I and Cd II, excited in an underwater spark, were investigated. The Zn, which served as the extraneous disturbing element, was introduced into the electrode in quantities from 0 to 97 percent. A very uneven widening of the various lines was established, also a differing dependence on the concentration of the two elements.

Card 1/3

L 18582-63

ACCESSION NR: AT3002112

For some lines a displacement or shift was found and investigated. The relationship between the width of a line and its shift does not coincide with the values anticipated by collision theory on the widening of spectral lines. Conclusions: (1) The effect of the proper pressure on the width of a line in the spectrum of an underwater spark is always greater than that of the extraneous pressure and differs for various lines. The greatest effect was observed on the Cd I lines, and more especially on the lines of the diffusive triplet, whereas the smallest effect occurs in Cd II lines. (2) The Cd II lines of the two-electron transition $4d^{10}5p^2P^o - 4d^95s^2\ 2D$ and the line that corresponds to the jump between levels with incomplete $4d^9$ shell $4d^95s^2\ 2D_{5/2} - 4d^95s5p\ 4F^o_{7/2}$, expand only insignificantly and without shift. For the Cd I line $\lambda 6438$ and the Cd II lines $\lambda 2748$, 2573 , 5378 , and 5337 angstrom, a red (long-wave) shift was measured; the shift for the $\lambda 2748$ angstrom line depends significantly on the Cd concentration and increases with its decrease; the shift of the other lines depends less strongly on the Cd concentration. (3) The ratio of the semiwidth to the shift varies most intensely with concentration for the 2748-angstrom line (with values from 6.8 to 26), whereas it is fairly constant for the other lines. (4) The asymmetry of the lines, which for the lines of the diffusional triplet is of the order of unity, exhibits a predominant broadening of the long-wave wing for all other broadened lines. The

Card 2/3

L 18582-63

ACCESSION NR: AT3002112

greatest asymmetry occurs in the lines of the sharp series of Cd I and Cd II. The asymmetry of lines with slightly broadened lines is insignificant. Orig. art. has 4 figs. and 2 tables.

ASSOCIATION: Vil'nyuskiy gosudarstvennyy universitet imeni V. Kapsukasa (Vilnyus State University)

SUBMITTED: 22Apr61 DATE ACQ: 23Apr63 ENCL: 00

SUB CODE: PH, EL NO REF SOV: 002 OTHER: 006

Card 3/3

L 18582-63

EWP(q)/EWT(m)/BDS

AFFTC/ASD

JD/JG

ACCESSION NR: AT3002112

S/2910/61/001/01-0163/0177
57
56

AUTHORS: Gorodnichyute, M. G., Gorodnichyus, G. A.

TITLE: Dependence of collision effects in an underwater spark of the spectral lines of Cadmium on the Cadmium and Zinc concentration in the electrodes

SOURCE: AN Lit SSR. Litovskiy fizicheskiy sbornik. v.1, no.1-2, 1961, 163-177.

TOPIC TAGS: collision effect, spectral line, spark, underwater spark, Cd, Zn, widening, broadening, shift, asymmetry, absorption, spectroscopy, zinc, cadmium

ABSTRACT: The purpose of the experimental investigation described was a determination of the proper pressure and the extraneous pressure on the spectral lines of Cd through the employment of the Zn atoms that are a spectroscopically germane element as disturbing particles. This investigation of the effect of collisions with like and extraneous atoms and molecules on collision effects on the spectral lines, the width, displacement, and asymmetry of 16 spectral lines of Cd I and Cd II, excited in an underwater spark, were investigated. The Zn, which served as the extraneous disturbing element, was introduced into the electrode in quantities from 0 to 97 percent. A very uneven widening of the various lines was established, also a differing dependence on the concentration of the two elements.

Card 1/3

L 18582-63

ACCESSION NR: AT3002112

For some lines a displacement or shift was found and investigated. The relationship between the width of a line and its shift does not coincide with the values anticipated by collision theory on the widening of spectral lines. Conclusions: (1) The effect of the proper pressure on the width of a line in the spectrum of an underwater spark is always greater than that of the extraneous pressure and differs for various lines. The greatest effect was observed on the Cd I lines, and more especially on the lines of the diffusive triplet, whereas the smallest effect occurs in Cd II lines. (2) The Cd II lines of the two-electron transition $4d^{10}5p^2P^o - 4d^95s^2\ ^2D$ and the line that corresponds to the jump between levels with incomplete $4d^9$ shell $4d^95s^2\ ^2D_{5/2} - 4d^95s5p^4F^o_{7/2}$, expand only insignificantly and without shift. For the Cd I line $\lambda 6438$ and the Cd II lines $\lambda 2748$, 2573 , 5378 , and 5337 angstrom, a red (long-wave) shift was measured; the shift for the $\lambda 2748$ angstrom line depends significantly on the Cd concentration and increases with its decrease; the shift of the other lines depends less strongly on the Cd concentration. (3) The ratio of the semiwidth to the shift varies most intensely with concentration for the 2748-angstrom line (with values from 6.8 to 26), whereas it is fairly constant for the other lines. (4) The asymmetry of the lines, which for the lines of the diffusional triplet is of the order of unity, exhibits a predominant broadening of the long-wave wing for all other broadened lines. The

Card 2/3

L 18582-63

ACCESSION NR: AT3002112

greatest asymmetry occurs in the lines of the sharp series of Cd I and Cd II. The asymmetry of lines with slightly broadened lines is insignificant. Orig. art. has 4 figs. and 2 tables.

ASSOCIATION: Vil'nyusskiy gosudarstvennyy universitet imeni V. Kapsukasa (Vilnyus State University)

SUBMITTED: 22Apr61 DATE ACQ: 23Apr63 ENCL: 00

SUB CODE: PH, EL NO REF SOV: 002 OTHER: 006

Card 3/3

GORODNICHIIY, V.V.

Solution of the indeterminate diophantine equation

$x^{p^2} + y^{p^2} = z^{p^2}$. Trudy Nauch. ob'ed. prep. fiz. mat. fak. ped. inst.
Dal'. Vost. 1:85-87 '62. (MIRA 17:3)

1. Ussuriyskiy gosudarstvennyy pedagogicheskiy institut.

GORODNIK, A.G.; LANTSOV, V.P.

Osgood-Schlatter disease. Vestn. rent. i rad. 38 no.3:14-17
My-Je '63. (MIRA 17:7)

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R000516310004-1

GERSH, S.Ya., doktor tekhn.nauk, prof.; GORODNIK, M.G., inzh.

Units for producing liquid oxygen with five ton capacity. [Frudy]
MTU no.75:33-47 '58. (MIRA 11:10)
(Gases--Liquefaction) (Oxygen)

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R000516310004-1"

ACC NR: AP6021795

(N)

SOURCE CODE: UR/0413/66/000/012/0060/0060

INVENTORS: Demenitskaya, R. M.; Trubyatchinskiy, N. N.; Litvinov, E. M.;
Gorodnitskiy, A. M.

ORG: none

TITLE: A method for geophysical investigation of ocean water. Class 21, No. 182802
[announced by Scientific Research Institute of Arctic Geology (Nauchno-
issledovatel'skiy institut geologii Arktiki)]

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 12, 1966, 60

TOPIC TAGS: geophysic instrument, oceanographic equipment, oceanography, sea water,
electric field, salinometer, temperature measurement, automatic control

ABSTRACT: This Author Certificate presents a method for investigating ocean water.
For the sake of automation, increasing the accuracy of measurements, and lowering
the cost of the process, the measuring of the temperature and of the salinity (accord-
ing to the specific resistance and to the natural electric field) is accomplished by
deep sounding of ocean water with a continuous recording of the measured parameters
by automatic geophysical logging equipment.

SUB CODE: C8, 13/ SUBM DATE: 13Apr64

UDC: 551.465.62

Card 1/1

GORODNITSKIY, A.M.

Use of combined geophysical methods for large-scale mapping in prospecting for sulfide copper-nickel mineralization in the southern part of the Yenisey ore field. Trudy NIIGA 132:125-132 '62. (MIRA 16:4)
(Russia, Northern--Geology, Structural--Maps)

MIKHAYLOV, K.V., kand.tekhn.nauk; GORODNITSKIY, F.M., inzh.

Study of the strength of reinforcement made of high-strength
cold-drawn wire. Trudy NIIZHB no.23:26-57 '61. (MIRA 14:12)
(Concrete reinforcement)

GORODNITSKIY, F.M.; FINK, V.K.

Machine for endurance testing of armature-binding wire.
Zav. lab. 30 no.5:607. 60F '64. (MIRA 17:5)

1. Institut betona i znelezbetona Gosstroya SSSR,

L 27090-66 EWT(m)

ACC NR: AP6017412

SOURCE CODE: UR/0097/65/000/010/0015/0018

AUTHOR: Gorodnitskiy, E. M. (Candidate of technical sciences); Yukhvets, I. A. 22
(Candidate of technical sciences); Korenev, K. I. (Engineer); Riskind, B. Ya. B
(Engineer); Shumeyko, R. I. (Engineer); Livchak, T. N. (Engineer); Litvinov, A. A.
(Engineer); Makarevich, A. A. (Engineer)

ORG: none

TITLE: Properties of high-strength reinforcement material subjected to electrical heating

SOURCE: Beton i zhelszobeton, no. 10, 1965, 15-18

TOPIC TAGS: concrete, wire, solid mechanical property

ABSTRACT: Specimens of high-strength reinforcing wire for concrete were subjected to mechanical tests to determine the effects of electrothermal prestressing on the strength of reinforcing materials. The experimental procedure is described and the mechanical characteristics, chemical composition and geometric shape of the various wires studied are given. It is found that the optimum pretensioning temperature (i.e. the highest temperature which does not reduce the ultimate strength of the wire) is 400°C for a 5-mm wire and 350°C for a 3-mm wire. These temperatures meet the standard requirements for permanent elongation of wire which is not low-temperature annealed during manufacture. Since 3-mm wire is not sufficiently tensioned

Card 1/2

UDC: 666.982.4

L 27090-66

ACC NR: AP6017412

at the maximum permissible temperature, the use of this wire is not recommended for the electrothermal pretensioning method. If 5-mm wire must be heated to more than 400° for the required degree of tensioning, the reduction in the strength characteristics of the wire must be taken into consideration. The electrical heating should be done at a rate of 15-30°/sec. A safety factor of 50% should be allowed for accidental overheating. Orig. art. has: 5 figures and 3 tables. [JPRS]

SUB CODE: 11, 20 / SUBM DATE: none

Card 2/2 W

GORODNITSKIY, M.A., inzhener (Leningrad).

"Technology of the printing industry, second volume; technology of illustrated printed material." Yu. I. Zolotnitskii, V.V. Puskov, A.P. Safonov, N.I. Siniakov. Reviewed by M.A. Gorodnitskii. Poligr. proiz. no.5:25-29 My '53.
(Printing industry) (Zolotnitskii, Yu.I.) (Pus'kov, V.V.)
(MLRA 6:6)

SOKOLOVSKIY N.S.

SPIVAK, M.S., glavnnyy redaktor; BELOZUB, V.G., redaktor; VASILENKO, P.M., redaktor; ZORIN, I.G., redaktor; IL'CHENKO, I.K., redaktor; KOVAL', A.G., redaktor; KRYLOV, A.F., redaktor; PUKHAL'SKIY, A.V., redaktor; SIDORANCO, A.P., redaktor; MEDCHENKO, A.N., redaktor; ANGELINA, P.M., redaktor; BUZANOV, I.F., redaktor; BOYKO, D.V., redaktor; BURKATSKAYA, G.Ye., redaktor; VASILENKO, A.A., redaktor; VLASYUK, P.A., redaktor; GOBOODNIY, I.G., redaktor; DEMIDENKO, T.T., redaktor; DUBKOVIETSKIY, F.I., redaktor; KIRICHENKO, F.G., redaktor; LITOVCHEMENKO, G.P., redaktor; OZERHNYY, M.Ye., redaktor; PERSHIN, P.N., redaktor; POPOV, F.A., redaktor; POSMITHNYY, M.A., redaktor; PSHENICHNYY, P.D., redaktor; RADCHENKO, B.P., redaktor; ROMANENKO, I.M., redaktor; RUBIN, S.S., redaktor; SAVCHENKO, M.Kh., redaktor; SOKOLOVSKIY, A.N., redaktor; TSYBENKO, K.Ye., redaktor; KOVAL'SKIY, V.F., tekhnicheskiy redaktor

[Practical collective farm encyclopedia] Kolkhoznala proizvodstvennaia entsiklopediya. Izd.2-oe, ispr. i dop. Kiev, Gos.izd-vo sel'khoz. lit-ry USSR.. Vol.1. Abrikos - liutserna. 1956. 688 p. (MLRA 10:9)
(Agriculture—Dictionaries)

Gorodniy, N.G.

SPIVAK, M.S., golovnyy redaktor; BILOZUB, V.G., redaktor; VASILENKO, P.M., redaktor; ZORIN, I.G., redaktor; IL'CHENKO, I.K., redaktor; KOVAL', O.G., redaktor; KRILOV, O.P., redaktor; PUKHAL'S'KIY, A.V., redaktor; SIDORENKO, O.P., redaktor; PUDCHENKO, O.N., redaktor; ANGELINA, P.M., redaktor; BUZANOV, I.P., redaktor; BOYKO, D.V., redaktor; BURKATS'KA, G.E., redaktor; VASILENKO, A.O., redaktor; VLASYUK, P.A., redaktor; GORODNIY, N.G., redaktor; DEMIDENKO, T.T., redaktor; DUBKOVETS'KIY, F.I., redaktor; KIRICHENKO, F.G., redaktor; LITOVCHENKO, G.P., redaktor; OZERNIY, M.O., redaktor; PERSHIN, P.M., redaktor; POPOV, F.A., redaktor; POSMITNIY, M.O., redaktor; PSHENICHNYI, P.D., redaktor; RADCHENKO, B.P., redaktor; POMANENKO, S.S., redaktor; RUBIN, S.S., redaktor; SAVCHENKO, M.Kh., redaktor; SOKOLOVS'KIY, O.N., redaktor; TSIBENKO, K.O., redaktor; SHCHERBINA, O.P., redaktor; KRAVCHENKO, M.P., tekhnichniy redaktor

[Collective farm encyclopedia] Kolhozna vyrabnycha ensyklopediya. Vydz. 2-e, perer. i dop. Kyiv, Derzh.vyd-vo sil's'kohospodars'koi lit-ry URSR. Vol.1. Abrykos - Liutserna. 1956. 756 p. (MIRA 9:9)
(Agriculture--Encyclopedias and dictionaries)

Country : USSR
Category: Soil Science. Tillage. Reclamation. Erosion.

Abs Jour: RZhBiol., No 18, 1958, No 82139

Author : Gorodniy, N.G.

Inst : -
Title : First Results in Treatment of Soil in the Ukraine by
Maltsev's Method.

Orig Pub: Vestn. s.-kh. nauki, 1956, No 1, 53-58.

Abstract: Experiments with different variants in the treatment of the soil in test stations, in kolkhozes and sovkhozes of the steppe, forest steppe, and wooded districts of the Ukraine showed that sowings of winter and summer crops on superficially treated soil were profitable only in fields which were free

Card : 1/2

J-29

GORODNIY, N.G.

Coordinate agricultural research and production. Nauka i pered. op.
v sel'khoz. 6 no.11:44-47 II '56. (MLRA 10:1)

1. Nachal'nik Glavnogo upravleniya sel'skokhozyaystvennoy nauki
Ministerstva sovetskikh khozyaystv.
(Ukraine--Agricultural research)

Gorodniy, N.G.

SPIVAK, M.S., glavnny red.; BELOZUB, V.G., red.; VASILENKO, P.M., red.; ZORIN, I.G., red.; IL'CHENKO, I.K., red.; KOVAL', A.G., red.; KRYLOV, A.F., red.; PUKHAL'SKIY, A.V., red.; SIDORENKO, A.P., red.; FEDCHENKO, A.N., red.; ANGELINA, P.N., red.; BUZANOV, I.F., red.; BOYKO, D.V., red.; BURKATSKAYA, G.Ye., red.; VASILENKO, A.A., red.; VLASYUK, P.A., red.; GORODNIY, N.G., red.; DEMIDENKO, T.T., red.; DUBKOVETSkiY, F.J., red.; KIRICHENKO, F.G., red.; LITOVCHEMko, G.P., red.; OZERNYY, M.Ye., red.; PERSHIN, P.N., red.; POPOV, F.A., red.; POSMITNYY, M.A., red.; PSHENICHNYY, P.D., red.; RADCHENKO, B.P., red.; ROMANENKO, I.N., red.; RUBIN, S.S., red.; SAVCHENKO, M.Kh., red.; SOKOLOVSKIY, A.N., red.; TSYBENKO, K.Ye., red.; KOVAL'SKIY, V.F., tekhn.red.

[Practical collective farm encyclopedia] Kolkhoznaya proizvodstvennaia entsiklopedia. Izd. 2-oe, perer. i dop. Kiev, Gos. izd-vo sel'khoz. lit-ry USSR. Vol.2. Malina-Mashchur. 1957. 923 p.
(Agriculture--Dictionaries) (MIRA 11:4)

USSR / Cultivated Plants. Commercial. Oil Bearing. M-5
Sugar Bearing.

Abs Jour: Ref Zhur-Biol., No 6, 1958, 25147

Author : Gorodniy, N.

Inst : Not given

Title : Green Fertilizer for Hemp

Orig Pub: Len i konoplyya, 1957, No 5, 28-30

Abstract: No abstract.

Card 1/1

GORODNIY, N.G., kand.sel'skokhozyaystvennykh nauk.

Consistently high crop yields in Polesye. Nauka i pered.op.v
sel'khoz. 7 no.9:29-31 S '57. (MIRA 10:10)

1. Ukrainskaya akademiya sel'skokhozyaystvennykh nauk.
(Polesye--Field crops)

GORODNIY, N. G. Doc Agr Sci -- (diss) "Substantiation of the system of using fertilizers under hemp in connection with its biological peculiarities." Kiev, 1959. 50 pp (Min of Agr UkrSSR. Ukrainian Acad Agr Sci), 150 copies (KL, 47-59, 115)

GORODNIY, Nikolay Gavrilovich for Doctor of Agricultural Sciences on
the basis of dissertation defended 7 Dec 59 in Council of the Ukrainian
Academy of Agricultural Sciences, entitled: "Substitution of the Use of
Fertilizer Application in Growing Hemp, in Conjunction with the Biological
Peculiarities" (MVISSO USSR, 2-61, 24)

230

GORODNIY, N.G.

Effect of prolonged and systematic fertilizer application on
humus accumulation in soil and on field crop yields.
Pochvovedenie no. 2:86-93 F '61. (MIRA 14:2)

1. Ukrainskaya akademiya sel'skokhozyaystvennykh nauk.
(Field crops—Fertilizers and manures)
(Humus)

TIMONIN, M.A., kand. tekhn. nauk; SENCHENKO, G.I., kand. sel'khoz. nauk; ARINSHTEYN, A.I., kand. sel'khoz. nauk; GORSHKOV, P.A., doktor sel'khoz. nauk; ZHUKOV, M.S., kand. sel'khoz. nauk; DEMKIN, A.P., kand. sel'khoz. nauk; KRASHENINNIKOV, N.A., kand. sel'khoz. nauk; GORODNIY, N.G., doktor sel'khoz. nauk; REPYAKH, I.I., nauchn. sotr.; PIL'NIK, V.I., kand. sel'khoz. nauk; KHANIN, M.D., kand. sel'khoz. nauk; TSELIK, V.Z., st. nauchn. sotr.[deceased]; KOZINETS, N.I., nauchn. sotr.; ZHALNINA, L.S., nauchn. sotr.; LYASHENKO, S.N., kand. sel'khoz. nauk; GONCHAROV, G.I., inzh.; BUYANOV, V.I., inzh.; RUDNIKOV, V.N., st. nauchn. sotr.; BLOKHINA, V.V., red.; PROKOF'YEVA, A.N., tekhn.red.; SOKOLOVA, N.N., tekhn.red.

[Hemp] Konoplia. Moskva, Sel'khozizdat, 1963. 462 p.
(MIRA 16:12)
1. Vsesoyuznyy nauchno-issledovatel'skiy institut lubyanykh kul'tur (for all except Blokhina, Prokof'yeva, Sokolova).
(Hemp)

GORODNIY, N.G.; VYVAL'KO, I.G.

Effect of gibberellin on the growth and productivity of flax.
Fiziol. rast. 11 no.6:1078-1080 N-D '64.

(MIRA 18:2)

1. Agronomy Department of Ukrainian Agricultural Academy, Kiyev.

CORODNY, P. T.

CORODNY, P. T.- "Basis for the System of Melioration in the Crop Rotation in the Kolkhozes of the Polesskiy (Dymerskiy) Rayon of the Kiev Oblast in Turfypodsolic soils." Ukraine Order of Labor Red Banner Agricultural Academy, Kiev, 1955 (Dissertations for Degree of Candidate of Agricultural Sciences)

SO: Knizhnaya Letopis' No. 26, June 1955, Moscow

AL', G.E.; GORODNIY, S.B.; GREYMER, M.S.; PROTOPOPOVA, N.M.

Clinically cured adult tuberculosis patients; data from Leningrad dispensaries in 1962. Probl. tub. 41 no.10:27-32 '63. (MIRA 17:9)

1. Iz organizatsionno-metodicheskogo otdela (rukovoditel' - doktor med. nauk G.E. Al') i dispansernogo otdeleniya (Rukovoditel' - kand.med.nauk S.B.Gorodniy) Leningradskogo nauchno-issledovatel'skogo instituta tuberkuleza (dir. - prof. A.D.Semenov).

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R000516310004-1

FILIMONOV, A.V., kand. tekhn. nauk; GORODNOV, P.I.; PANTELEYEV, V.F.

Automatic line for manufacturing pins. Mashinostroitel' no.10:7
O '65. (MIRA 18:10)

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R000516310004-1"

GORODNOV, P. T.

"Salvage of Defective Gray-Iron Castings by Welding," Liteynoye Proizvodstvo (1952) No 6, pp 2/3.

Presents results of expts for correcting defects on gray-iron castings by elec welding in cold state, using steel electrodes, copper electrodes wrapped with sheet steel, electrodes of Monel metal, and copper-base electrodes with 8% Sn. Also discusses combined method of welding with subsequent metallization.

B-73331, 1 Apr 54

GORODNOV, P. T., FILIPPOV, V. V.

1. GORODNOV, P. T., FILIPPOV, V. V.
2. USSR (600)
4. Solder and Soldering
7. Hard soldering of stamped steel products.
Avt.trakt.prom., no. 8, 1952.
9. Monthly List of Russian Accessions, Library
of Congress, November 1952. UNCLASSIFIED.

1. GORODNOV, P. T.
2. USSR (600)
4. Tractors
7. Coating the gas chambers of gas-generator tractors with aluminum by spraying.
Avt. trakt. prcm. No. 11, 1952

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GORODNOV, P.T., inzhener; KOROTIN, I.M., inzhener.

A modern method of brazing in salt baths. Vest. mash. 35 no.9:50-53
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(Brazing)

GORODNOV, P. T. Cand Tech Sci -- (diss) "Study and development of a rational method of calorizing ~~etc~~ increasing the heat resistance of automobile and tractor carburetor chambers and other ^{parts} ~~etc~~." Mos, 1957.
11 pp with graphs (Min of Higher Education USSR. Mos Automechanical Inst),
100 copies (KL, 11-58, 116)

-60-

SOV/137-58-9-19434 D

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 9, p 184 (USSR)

AUTHOR: Gorodnov, P.T.

TITLE: Investigation and Development of a Rational Method for Calorizing to Increase the Heat Stability of Automobile and Tractor Gasification Chambers and Other Manufactured Articles (Issledovaniye i razrabotka ratsional'nogo metoda alitirovaniya po povysheniyu zharostoykosti avtomobil'nykh, traktornykh kamer gazifikatsii i drugikh izdeliy)

ABSTRACT: Bibliographic entry on the author's dissertation for the degree of Candidate of Technical Sciences, presented to the Mosk. avtomekhan. in-t (Moscow Institute of Automobile Mechanics), Moscow, 1957

ASSOCIATION: Mosk. avtomekhan. in-t (Moscow Institute of Automobile Mechanics), Moscow

1. Materials--Development 2. Combustion chambers--Heating
3. Heat--Stability 4. Materials--Processing

Card 1/1

SOV/137-58-11-22732

Translation from: Referativnyy zhurnal. Metallurgiya, 1958, Nr 11, p 128 (USSR)

AUTHORS: Gorodnov, P. T., Baranov, A. K., Antonova, Yu. S., Prokhvatiloy,
Ye. I., Skvortsov, G. D.

TITLE: Condenser-discharge Welding of Bicycle Frames (Kondensatornaya
svarka velosipednykh ram)

PERIODICAL: Tekhnol. avtomobilestroyeniya, 1958, Nr 2, pp 36-43

ABSTRACT: The novel technological process of condenser-discharge welding (CW) of permanently joined members of bicycle frames developed by the NIITavtoprom (Scientific Research Institute of Technology for the Automobile Industry) substantially reduces the amount of labor required as well as the weight of the bicycles. The employment of the CW significantly reduces the consumption of ferrous and nonferrous metals and auxiliary materials and eliminates such operations as the manufacture of fittings, their attachment, etc. The electrical circuitry of CW is examined. Technical specifications and photographs of the CW machine are given. At a current of up to 300,000 amp the productivity of the machine amounts to 100-125 welding operations per hour. As a result of investigations carried out to

Card 1/2

Condenser-discharge Welding of Bicycle Frames

SOV/137-58-11-22732

determine optimal conditions for CW, relationships were established between the strength of the welded joints and the current density, the charge potential, the compression force, the overhang of the pipe, etc. (the data are compiled in the form of diagrams). Vibration-strength tests yielded favorable results. A prototype of an industrial CW machine was designed and constructed. The employment of the CW technique reduces the labor from 41-44 to 5-15 minutes per frame and lowers the cost of manufacture per frame from 12-13 to 5-7 rubles.

B. K.

Card 2/2

SOV/137-59-3-7044

Translation from: Referativnyy zhurnal. Metallurgiya, 1959, Nr 3, p 302 (USSR)

AUTHOR: Gorodnov, P. T.

TITLE: An Investigation and Development of a Rational Method of Aluminizing Gasification Chambers of Producer-gas-driven Automobiles, Tractors, as Well as Other Components for Purposes of Improving Their Heat Resistance (Issledovaniye i razrabotka ratsional'nogo metoda alitirovaniya dlya povysheniya zharostoykosti kamer gazifikatsii gazogeneratornykh avtomobiley, traktorov i drugikh detaley)

PERIODICAL: V sb.: Materialy Soveshchaniya glavn. metallurgov z-dov i in-tov avtomob. prom-sti. Nr 3. Moscow, 1958, pp 134-145

ABSTRACT: The investigation is devoted to the development of a coating which could protect an Al layer, deposited by means of spraying, against oxidation and running during diffusion annealing (A). Heat resistant characteristics of Al-clad and subsequently annealed specimens of steels 20, 55, Kh23Ni13, cast Cr steel containing 12.54% Cr, and cast iron of the type SCh 18-36 were determined from an increase in weight (determined with an accuracy to 0.01 g) per unit of area (measured with an accuracy of 0.01 mm²). The testing temperature amounted to 920°C, the heating

Card 1/2

SOV/137-59-3-7044

An Investigation and Development of a Rational Method of Aluminizing (con.)

time and the process of cooling in air requiring two hours each. The total testing time amounts to 100-120 hours. The electro spraying method produced better results than the gas-spraying method. After spraying, A was carried out for periods of 1.5-6 hours at a temperature of 920°, in conjunction with a coating containing 20% of refractory clay, 30% of quartz sand, and 50% of graphite with a water or water-glass base. The depth of diffusion of Al constitutes 0.25-0.4 mm. The layer deposited by spraying must be less than 2 mm deep. It was established that the time of A may be reduced to 1.5-2 hours. Increasing the temperature of A in the range between 900 and 1000° and extending the A time increases the depth of the diffusion layer (within the limits of 0.3-0.9 mm) and enhances its heat-resistance properties. Compared with steels 20, 55, and, particularly, the heat-resistant steel, the heat resistance of aluminized cast iron was considerably lower. Tests performed on gas-producer chambers of automobiles and tractors demonstrated that the durability of the aluminized components had been increased by 5-7 times. The method described had been adopted at the STZ [Stalingrad Tractor Plant], the Noginsk plant, and the First Bearing Plant.

A. S.

Card 2/2

18(5), 25(1,5)

SOV/135-59-7-8/15

AUTHOR: Gorodnov, P.T., Candidate of Technical Sciences,
Baranov, A.K., Engineer

TITLE: Impulse Welding of Bicycle Frames

PERIODICAL: Svarochnoye proizvodstvo, 1959, Nr 7, pp 26-30 (USSR)

ABSTRACT: From 1956 to 1958, NIITAVTOPROM investigated impulse welding of bicycle frames and developed the technological process and special impulse-welding machines. The Penzenskiy velozavod imeni Frunze (Penza Bicycle Plant imeni Frunze) built these machines and the necessary accessories. In 1958, in the assembly shop a section for impulse-welding of bicycle frames was organized. The following workers of NIITAVTOPROM participated in this work: engineers N.A. Arkhinov, Yu.S. Antonovy, M.M. Novokreshchenov, N.G. Marach, Ye.I. Prokhvatilov, G.D. Skvortsov, N.G. Zhirnov, R.G. Yashunskiy and the workers of the Penza Bicycle Plant V.A. Pecherskiy, S.A. Selivanov and P.A. Ostavnov. Fig. 1 shows a photograph of the impulse-welding

Card 1/2

Impulse Welding of Bicycle Frames

SOV/135-59-7-8/15

machine for bicycle frames, Fig. 2 is a cross-section diagram. Fig. 3 represents the electrical circuit diagram with single-phase power supply, while Fig. 4 is the electrical circuit diagram for three-phase power supply. The single-phase system was replaced by the improved three-phase system. The productivity is 150-250 welding operations per hour. The authors compare in a table the different welding conditions used and the results of mechanical tests. Presently, a large batch of bicycle frames is being produced by the Penza Bicycle Plant, since the welding method produced better results. The welding technology developed for welding bicycle frames may be used also for welding other tube constructions. Fig. 11 shows the interior of the impulse-welding shop at the Penza Bicycle Plant. There are 2 circuit diagrams, 1 diagram, 10 photographs and 1 oscillogram.

ASSOCIATION: NIITAVTOPROM

Card 2/2

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E073/E335

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AUTHOR: Gorodnov, P.T., Candidate of Technical Sciences
TITLE: Increasing the Heat-resistance of Ferrous Metals
by Allitising

PERIODICAL: Metallovedeniye i termicheskaya obrabotka
metallov, 1961, No. 2, pp. 55 - 57

TEXT: It has been established that the best method of allitizing is metallising by spraying on aluminium followed by diffusion annealing. However, the sprayed-on aluminium layer is porous and during the diffusion annealing it tends to oxidise and drip off. To eliminate these defects heat-resistant renderings are applied which protect the aluminium from the oxidation effects of the air, assist the diffusion of aluminium into the iron, prevent the dripping-off of the aluminium and ensure uniform distribution of the aluminium over the surface to be protected. The procedure is as follows. The component is sand-blasted or shot-peened and then a 0.5-2 mm thick aluminium layer is deposited, which is covered by a heat-resistant rendering. Then, the components

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Card 1/7

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Increasing the Heat-resistance of Ferrous Metals by Allitising are diffusion-annealed at 920-950 °C. The process does not need elaborate equipment and can easily be mechanised or automated. The most effective protective renderings are those with a high fusion temperature and a sufficiently high density. Optimum composition: 20% refractory clay; 30% quartz sand; 50% graphite; 8-10% by weight liquid glass. The dry components are thoroughly mixed, liquid glass is added and then the mixing is repeated. Spraying of aluminium is by gas or electric apparatus. According to preliminary experiments the refractoriness was increased by a factor of 8-9 in the case of allitized specimens with gas-spraying of the aluminium and by a factor of 15 for specimens with electric-arc spraying. Therefore, in the further experiments electric spraying was used. The depth of the diffusion layer depends on the thickness of the applied layer and the duration of the heating. The thickness of the aluminium layer should be 0.5-2 mm and the diffusion annealing should be 920-1 000 °C for 1.5 to 2 hours. With increasing

Card 2/7

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Increasing the Heat-resistance of Ferrous Metals by Allitising temperature and duration of the diffusion annealing the depth of the diffusion layer increases, appropriately reducing the concentration at the surface and there will be an equalisation of the aluminium concentration along the depth of the layer. Test data are given in Figs. 1 and 2. Fig. 1 shows the refractoriness of allitised (Curves 1-4) and non-allitised (Curves 5-8) specimens. In this figure, Curves 1 and 5 apply to chromium steel, Curves 2 and 6 apply to steel 20, Curves 3 and 7 apply to steel 55J¹ (55L), Curves 4 and 8 apply to grey iron. Fig. 2 gives similar data for the steel X13Ni1 (Kh23N13) (1 - allitised specimens, 2 - non-allitised specimens). The refractoriness is expressed by the weight increment (g/dm^2) as a function of the duration of the test in hours. The non-allitised specimens (Curves 5-8) were fully oxidised after 15-18 hours heating, having a weight increase of $8 \text{ g}/\text{dm}^2$. Good results were obtained for allitised specimens of the steels Kh23N13; specimens subjected

Card 3/7

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E073/E335

Increasing the Heat-resistance of Ferrous Metals by Allitising to alternate heating at 1 150 °C for 18 hours showed a weight increment of only 0.5 g/dm² in the allitised state against 8 g/dm² in the non-allitised state and the difference increased with increasing test duration. Metallographic tests have shown that in allitised specimens of the steel 20 the diffusion layer consists of a 0.3 - 0.35 mm thick external zone and a 0.36 - 0.40 mm thick internal zone. The micro-structure of allitized chromium steel specimens revealed a clearly pronounced boundary between the diffusion layer and the base metal. Again, the diffusion layer (0.5 - 0.7 mm thick) consisted of an internal and external zone. Fig. 3 shows the hardness distribution in the diffusion layer of steel 20 as a function of the depth of the layer, mm, after allitizing at 1 200 °C for a duration of 4 hours; the hardness of the diffusion layer shows that the hardness is in direct relation to the aluminium content, i.e. the highest concentration (68%) corresponds to HV 430. Fig. 4 shows a

Card 4/7

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E073/E335

Increasing the Heat-resistance of Ferrous Metals by Allitising comparison of the service lives obtained for allitized (1) and non-allitized (2) components of producer-gas equipment and crucibles (the Russian legends at the bottom of the figure, left to right, are throat, chamber, throat, muffle). Conclusions: 1) a heat-resistant protective rendering is recommended for allitzing components; 2) optimum allitzing conditions have been worked out which permit increasing the refractoriness at 950 °C by a factor of 7-8 for low-carbon steel, by a factor of 6-7 for medium-carbon steel and by a factor of 8-10 for refractory steel at an operating temperature of 1 150 °C; 3) from the point of view of refractoriness, allitized carbon-steel components are fully suitable for replacing stainless-steel. There are 4 figures.

ASSOCIATION: NIITAVTOPROM

Card 5/7

GORODNOV, Petr Timofeyevich, kand. tekhn. nauk; KOZLOVSKIY, I.S.,
kand. tekhn. nauk, retsenzent; KACHANOV, N.N., kand.
tekhn. nauk, red.; LESNICHENKO, I.I., inzh., red. izd-va;
VLADIMIROVA, L.A., tekhn. red.

[Increasing the heat resistance of steel parts by alitizing]
Povyshenie zharostoikosti stal'nykh izdelii metodom altiro-
vaniia. Moskva, Mashgiz, 1962. 109 p. (MIRA 15:2)
(Steel, Heat-resistant) (Aluminum coating)

ZHIGACH, K.F.; ADEL', I.B.; GORODNOV, V.D.

Effect of temperature on the swelling of clay rocks. Izv. vys.
ucheb. zav.; neft' i gaz 4 no.5:23-29 '61. (MIRA 15:2)

1. Moskovskiy institut neftekhimicheskoy i gazooyoy promyshlennosti
im. akademika I.M.Gubkina.
(Oil well drilling) (Clay)

GORODNOV, V.D.; PECHERNIKOV, V.F.

Effect of hydrostatic pressure on the swelling of clay rocks.
Izv.vys.ucheb.zav.; neft' i gaz 5 no.2:39-41 '62. (MIRA 15:7)

1. Moskovskiy institut neftekhimicheskoy i gazovoy promyshlennosti
imeni akademika I.M. Gubkina.
(Clay)

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R000516310004-1

GORODNOV, V.D.

Analytical method for estimating the swelling of clay rocks.
Trudy MINKHIGP no.36:148-151 '62. (MIRA 15:6)
(Clay)

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R000516310004-1"

GORODNOV, V.D.; ADEL', I.B.; ZHIGACH, K.F.

Relationship between chemical reagents and the swelling
of clay rocks. Izv. vys. ucheb. zav.; neft' i gaz 5 no.1:35-
40 '62. (MIRA 16:11)

1. Moskovskiy institut neftekhimicheskoy i gazovoy
promyshlennosti imeni akademika I.M. Gubkina.

GORODNOV, V.D.; RAKHIMOV, A.K.; GANIYEV, G.G.

Using soap stock as an antifoaming agent. Burenie no.12:13-15 164.
(MIRA 18:5)

I. Moskovskiy ordena Trudovogo Krasnogo Znameni Institut nefte-
khimicheskoy i gazovoy promyshlennosti im. akad. Gubkina i Glavnoye
upravleniye geologii i okhrany nadzor pri Sovete Ministrov SSSR.

GORODNOV, V.D.

Evaluating the swelling of dispersoids. Izv. vys. ucheb. zav.; neft' i gaz 7 no.2:31-34 '64. (NRA 17:10)

1. Moskovskiy institut neftekhimicheskoy i gazovoy promyshlennosti im. akademika I.N. Gubkina.

GORODNOV, V.D.; ADEL', I.B.; ZHIGACH, K.F. [deceased]; MOROZOVA, Ye.V.

Effect of variable temperatures on the swelling of clay material.
Burenje no.8:17-19 '64. (MIRA 18:5)

1. Moskovskiy ordena Trudovogo Krasnogo Znameni instituta neftekhimicheskoy i gazovoy promyshlennosti im. akad. Gubkina.

KAZAKOVA, I.I.; GORODNOV, V.D.; MOROZOVA, Ye.V.

Effect of chemical reagents on the amount of centrifugate in
clay muds. Izv. vys. ucheb. zav.; neft' i gaz 7 no.10:24-27 '64.
(MIRA 18:2)

1. Moskovskiy institut neftekhimicheskoy i gazovoy promyshlennosti
imeni akademika I.M. Gubkina.

RAKHIMOV, A.K.; GANIYEV, G.G.; GORODNOV, V.D.

Treatment of clay muds in regions of southwestern Uzbekistan.
Burenie no.9:27-29 '64. (MIRA 18:5)

I. Claynoye upravleniye geologii i okhrany nedr pri Sovete
Ministrov Uzbekskoy SSR i Moskovskiy ordena Trudovogo Krasnogo
Znameni institut neftekhimicheskoy i gazovoy promyshlennosti
im. akad. Gubkina.

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CIA-RDP86-00513R000516310004-1

UMRUDOVA, T.V.; GORODNOV, V.D.; KLTMENKO, Z.K.; MAKSIMENKO, N.S.; SHORYGINA, N.N.; ADEL', I.B.

Production of oxidized lignin in the Krasnodar Hydrolysis Plant.
Gidroliz. i lesokhim.prom. 18 no.18-19 '65.

(MIRA 18:3)

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R000516310004-1"

ZHIGACH, K.F. [deceased]; GORODNOV, V.D.; ADEL', I.B.

Effect of electrolytes and carboxymethylcellulose on the strength
of structure in drilling mud-liquid systems. Koll. zhur. 27 no.1:
46-50 Ja-F '65. (MIRA 18:3)

1. Moskovskiy institut neftekhimicheskoy i gazovoy promyshlennosti
imeni Gubkina.

GORODNOV, V.D.

Effect of electrolytes and protective colloids on the change in
structural-adsorptive deformations in the system clay - liquid.
Koll. zhur. 27 no.2:178-181 Mr-Apr '65. (MIRA 18:6)

1. Moskovskiy institut neftekhimicheskoy i gазovoy promyshlennosti.

GORODNOV, G. V.

Checking the prognosis of malaria outbreaks in some districts of
Volgograd Province and in the zone of the Tsimlyansk Reservoir
and Lenin Volga-Don Canal. Med. paraz. i paraz. bol. 34 no.1:12-15
Ja-F '65. (MIRA 18:8)

1. Parazitologicheskiy otdel Volgogradskoy oblastnoy sanitarno-
epidemiologicheskoy stantsii.

GORDON, S. S.

Reducing the Costs of Concrete in Massive Construction. Elektroenergiya
(Electric Power), #10: 20:Oct 55, Bulg. Publ.

GORODNYANSKIY, I.

Town is in need of a new packing house. Mias.ind.SSR 31 no.1:
33 '60. (MIRA 13:5)

1. Chelninskiy myasokombinat.
(Maberezhnyye Chelny--Packing houses)

GORODOV, G.M.; DERYABIN, L.N.

Hardening rods on a sinking mill, Sbor.rats.predl.vnedr.v predav.
no.5:30 '60. (MIRA 14:8)
(Rolling (Metalwork)) (Metals--Hardening)

GARTUNG, Sergey Vasil'yevich; DUBKOV, Dmitriy Mikhailovich; POLUSHKIN,
Aleksey Mitrofanovich; AVAYEV, S.A., retsenzent; GORODOV, K.I.,
retsenzent; KRYLOV, A.P., retsenzent; POLOZOV, A.I., retsenzent;
[deceased]; SHDOV, D.A., retsenzent; LIOZNOV, A.G., redaktor;
MEKRASOVA, O.I., tekhnicheskiy redaktor.

[Manual for engineers in textile industry] Spravochnik energetika
tekstil'noy promyshlennosti. Moskva, Gos.nauchno-tekhn.isd-vo
Ministerstva promysh.tovarov shirokogo potrebleniia SSSR. Vol. 1
[Electric engineering] 1955. 630 p. (MLRA 8:12)
(Electric engineering)

Georgiev A. I.

VIGDORCHIK, D.Ya.; GORODOV, K.I.; DRUSKIN, L.I.; CHERKIESKIY, B.E.

Utilization of gas by the textile industry (to be concluded).
Gas.prom. no.5:17-23 My '57. (MLRA 10:5)
(Textile fabrics--Drying) (Gas as fuel)

GORODOV, K.I.; CHERKIMSKIY, B.M.

Using contact heat exchangers in gas-fired boilers. Gaz. prom.
no. 7:21-24 J1 '58. (MIRA 11:7)

(Heat exchangers)
(Waste heat)

Gorodov, K. I.

PLATE I SITE EXPLORATION 8W/254
Sedimentological characteristics of the glacially reworked materials at Makarapore
K. R. Srinivasan

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PROBLEMS: This collection of articles is intended for specialists engaged in designing and operating gas works of industrial enterprises and electric power plants.

Review: The chapter-over in some industrial enterprises from solid and liquid to natural gas is determined by various possibilities existing in the market. The author has analyzed the characteristics of sales material and as a source of energy in certain industries. Different gas burner systems, devices for automatic control of the combustion process, structural features of furnaces operating on natural-gas supply systems and the structure of structures of safety measures in the production of natural-gas articles are described. The book contains a large number of photographs, diagrams, tables and graphs. No generalities are made, the author gives practical recommendations, his opinions are supported by facts.

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Present State and Prospects for Supplying Electric Material.

29
Development of the Soviet Gas Industry During the 1955-1959 Period and the Supplying of Moscow With Gas

28. *Autodesk, Inc.*, AutoCAD 2000, Autodesk, Inc., San Ramon, CA
29. *Autodesk, Inc.*, AutoCAD LT 2000, Autodesk, Inc., San Ramon, CA
30. *Autodesk, Inc.*, AutoCAD 2000, Autodesk, Inc., San Ramon, CA
31. *Autodesk, Inc.*, AutoCAD LT 2000, Autodesk, Inc., San Ramon, CA

David G. Teal, *Modern Gas Processes in the Machinery-manufacturing Industry* 97 -
Manufacture, Inc., Combination or Bureau, 2615 Electric Power Station or
the Electric Power Systems 120

L. G. BURGESS, J. R. COOPER, and J. C. SIEBELER. Utilization of Material from Glass Melting Furnaces in the Manufacture of Textile Fibers. By L. G. Burgess, J. R. Cooper, and J. C. Siebeler, *Experiments in Textile Fibers*, Vol. I, No. 1, Part I, pp. 1-10, 1934.

Sources of Heat Availability Efficiency Economics Safety Environmental Impact	Prospects for Using Gas in Enterprises of Building Materials Industry Prospects of the Application of Gas in the Chemical Industry
266	169

July 8, 1910. French is developing gas utilisation in preference of electricity—
and vice versa.

四庫全書

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APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R000516310004-1"

CHERKINSKIY, Boris Mendeleyevich; GORODOV, Kapiton Ivanovich; VIGDORCHIK,
Dariy Yakovlevich; LUR'YE, M.Yu., prof., retsenzent; KOPELEVICH,
Ye.I., red.; KOGAN, V.V., tekhn.red.

[Use of gas for speeding up the drying and thermal processing
of textile fabrics] Ispol'sovanie gaza dlia intensifikatsii
protsessov suszki i termicheskoi obrabotki tkanei. Moskva, Gos.
nauchno-tekhn.izd-vo lit-ry po legkoi promyshl., 1959. 250 p.

(MIRA 13:2)

(Drying apparatus--Textile fabrics) (Textile finishing)

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R000516310004-1

GORODOV, K.I.; CHERKINSKIY, B.M.

Utilization of waste heat in finishing operations. Tekst.prom. 20
no.3:62-65 Mr '60. (MIRA 14:5)

(Waste heat)
(Textile industry—Equipment and supplies)

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R000516310004-1"

GARTUNG, Sergey Vasil'yevich; DUBKOV, Dmitriy Mikhaylovich;
GORODOV, K.I., retsenzent; KLYUYEV, S.A., retsenzent;
KOZLOV, B.P., retsenzent; SHTEYNGART, M.D., red.; BATYREVA,
G.G., tekhn. red.; PYATNITSKIY, V.N., tekhn. red.

[Handbook for power engineering workers of the textile industry]
Spravochnik energetika tekstil'noi promyshlennosti. [By]S.V.
Gartung, D.M.Dubkov. Moskva, Rostekhizdat. Vol.1. [Electrical
engineering]Elektrotekhnika. 1962. 759 p. (MIRA 16:2)
(Electric power distribution--Handbooks, manuals, etc.)
(Textile industry--Electric equipment)

CHERKINSKIY, Boris Mendeleyevich; TOKAREV, Dmitriy Georgiyevich;
MAREYEVA, Anna Gerasimovna; ZOTOV, Petr Petrovich;
~~GORODOV~~, K.I., retsenzent; SOROKINA, Ye.V., retsenzent;
MOTORIN, I.V., retsenzent; KHALPIN, V.N., retsenzent;
SHTEYNGART, M.D., red.; PYATNITSKIY, V.N., tekhn. red.

[Handbook for the power engineer in the textile industry]
Spravochnik energetika tekstil'noi promyshlennosti. [By]
B.M.Cherkinskii i dr. Moskva, Gizlegprom. Vol.2. [Heat
engineering] Teplotekhnika. 1963. 615 p. (MIRA 17:2)

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R000516310004-1

YURCHAK, I.Ya., kand. tekhn. nauk; TRYAPKIN, Ye.G.; GORODOV, N.N.; KOVIL'MAN,
G.A.; ENTALIS, P.S.

Ways of mechanizing the production of porcelain and faience tableware.
Trudy GIKI no.3:3-30 '56. (MIRA 11:5)

(Pottery)
(Ceramic industries—Equipment and supplies)

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R000516310004-1"

GORODOV, N.N.; KOVEL'MAN, G.A.; YURCHAK, I.Ya.; LAMAKIN, S.K., red.;
GOL'DFAL'D, I., red.; POLESITSKAYA, S., tekhn.red.

[New techniques in the production of porcelain and faience]
Novaia tekhnika v proizvodstve farfora i faanssa. Pod red.
S.K.Lamakina. Moskva, Iz-dvo "Detskiy mir," 1958. 287 p.

(MIRA 13:2)

(Pottery)

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R000516310004-1

GORODOV, V.P., Horodov, V.P.], kand. ekonom. nauk; OVCHARENKO, I.P.;
LYALIN, Yu.K.

Application of linear programming for the optimum planning
of the transportation of phosphate fertilizers. Khim. prom.
[Ukr.] no.1:53-56 Ja-Mr '65. (MIRA 18:4)

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R000516310004-1"

MIZONOV, Ye.D., kand.tekhn.nauk; GORODOV, V.V.

Experience operating oscillating thread guides on spinning
machines. Tekst.prom, 20 no.1:34-36 Ja '60.
(MIRA 13:5)

1. Nachal'nik pryadil'nogo tsekha Ivanovskogo melanshevogo
kombinata (for Gorodov).
(Spinning machinery)

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R000516310004-1

GORODNOV, V.D.; ADEL', I.B.; ZHIGACH, K.F.; MOROZOVA, Ye.V.

Effect of external pressure on the swelling of clay rocks in
solutions of chemical reagents. Neft.khoz. 42 no.4:14-18 Ap '64.
(MIRA 17;9)

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R000516310004-1"

AL'PEROVICH, B.I., GORODOV, Yu.N. (Yakutsk, ul.Shchorsa, d.4)

Results of surgical treatment in alveolar echinococcosis of
the liver. Vest.khir. 90 no.3:46-50 Mr'63. (MIRA 16:10)

1. Iz khirurgicheskogo otdeleniya (zav. - B.I.Al'perovich)
Yakutskoy respublikanskoy bol'nitsy) glavnyy vrach - za-
sluzhennyy vrach Yakutskoy ASSR L.M.Bol'sheva).
(LIVER-HYDATIDS) (LIVER-SURGERY)

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R000516310004-1

GORODOVA, M.I.

The thunderstorm of July 4, 1954. Trudy TSIP no. 52:47-56 '57.
(Thunderstorms) (MIRA 10:8)

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R000516310004-1"

S/169/62/000/001/063/083
D228/D302

AUTHOR: Gorodova, M. I.

TITLE: Night thunderstorms on the Soviet Union's air routes

PERIODICAL: Referativnyy zhurnal, Geofizika, no. 1, 1962, 78, abstract 1B521 (Tr. Tsentr. in-ta prognozov, no. 81, 1961, 113-126)

TEXT: The frequency distribution of nocturnal thunderstorms is considered for the USSR's European territory, Western Siberia, the Caucasus, and Central Asia, and it is compared with the general frequency of thunderstorms. The thunderstorm activity along different air routes of the USSR is briefly characterized. The observations of 80 stations for April-September of 1950-54 were employed. 8711 days with thunderstorms, 2993 of the occasions being nocturnal, were selected in all. Certain data are given regarding the distribution of the number of days with nocturnal thunderstorms; the number of occasions of nocturnal thunderstorms per year and per month; the duration and frequency of thunderstorms at

Card 1/2

Night thunderstorms on ...

S/169/62/000/001/063/083
D228/D302

different hours, and also in different frontal zones during different synoptic situations, etc. On the average nocturnal thunderstorms constitute 34% of all thunderstorms; in 39% of the cases thunderstorms are observed from 21 to 24 hr, arising in a number of cases, too, before 21 hrs (evening thunderstorms). On 70.9% of the occasions the duration of nocturnal thunderstorms does not exceed 1 - 2 hours, but a thunderstorm may sometimes last for more than 10 - 11 hours. Nocturnal thunderstorms are of a frontal type in 66% of the cases and of an intramass type in 34% of the cases. Intramass nocturnal thunderstorms are mostly observed in low-gradient fields and in infilling depressions, the frontal ones being observed on cold fronts with waves and on the main cold fronts. In the vicinity of Kolpashevo, Novosibirsk, Pskov, and Syktyvkar night thunderstorms are more often observed on warm fronts. 7 references. /Abstractor's note: Complete translation./

Card 2/2

3-(4)
AUTHOR:

Gorodovich, A. O.

sov/6-59-11-7/21

TITLE:

Metal Ladder for Surveying

PERIODICAL:

Geodeziya i kartografiya, 1959, Nr 11, pp 20 - 24 (USSR)

ABSTRACT:

While surveying triangulation points of 2nd and 3rd order in 1957-1958, the Novosibirskoye AGP (Novosibirsk Aerogeodetic Enterprise) used a metal ladder designed by N. V. Shreyber. The working areas covered a wide range: from open plains to close coniferous forests with trees 12-15 m high. The article describes the experiences made. Ladders 15 and 22 m high were tested. The ladders were hauled up with an outrigger. The weight of the 22 m high ladder including outrigger and attachments is approximately 150 kg. In the article the method is described by which surveying of triangulation points was carried out by the use of this ladder. In more complicated cases the signal height was determined by formulas according to M. S. Uspenskiy (Ref, Footnote on p 22). With the aid of this ladder the team of A. O. Gorodovich surveyed 125 points of the triangulation net of 2nd and 3rd order in 1957, and 110 points in 1958. A table shows how work standards were

Card 1/2

COUNTRY
CATEGORY

USSR

ABS. JOUR.

Microbiology.

AUTHOR

Ref Zhur-Biologiya, No. 4, 1959, No. 14749

INST.

Turkivich, V.V., Gorodovich, L.T.

TITLE

The Synthesizing Character of Active Invertase Formed in *Saccharomyces globosus* under the Influence of a Yeast Invertase Prepara-

ORIG. PUB. Dokl. AN SSSR, 1958, 118, No.1, 146-148

ABSTRACT

: Cells of *S. globosus*, which are not capable of synthesizing invertase (I) independently, acquire this ability if they first of all in the process of fermentation absorb a certain amount of I from other yeasts (DAN Reports of the Academy of Sciences, 1954, No. 2, 97). It is shown that a heat-inactivated or thoroughly purified active preparation of I is not capable of inducing synthesis of I in *S. globosus* cells, but a purified prepara-

CARD:

1/2

On the Synthetic Nature of the Formation of Active Invertase in *20-1-44/58*
Saccharomyces globosus Under the Influence of Yeast Invertase.

The 0,01% solution of the purified active preparation and a 0,02% of the unpurified preparation inactivated by 15 minutes heating on a boiling water bath were used. This combination exerted a good stimulating influence upon the formation of invertase. The results of the tests are recorded in table 1. They show that beside a thermolabile component a thermostable one also participates in this stimulation. It was further known that the thermostable part in the phenomenon studied here has the significance of a nitrogen nutrition (reference 5). Therefore the inactivated, unpurified preparation was replaced by amino acids. They were individually added in a quantity of 20 mg per 60 ml solution. When a mixture of 4 amino acids was used, the quantity of each one was 5 mg. The results are given in table 2. The following control tests were made: 1) A mixture of amino acids with an inactivated preparation of enzyme, 2) with an active enzyme without amino acids and 3) with amino acids without enzyme. In none of the control tests an increase in the enzymatic activity in autolysates was determined. Neither did any foreign infection exist in the tests. The information given here shows that S. globosus needs a source of nitrogen nutrition beside the thermolabile com-

Card 2/4

On the Synthetic Nature of the Formation of Active Invertase in **20-1-41/58**
Saccharomyces globosus Under the Influence of Yeast Invertase.

ponent of this preparation for stimulating a rapid formation of the active invertase by invertase preparations. This source is not specified here and individual amino acids may be utilized for it (table 2). One can, however, not talk about a completely amitrophic synthesis here, for the yeast cells, as is well-known, possess reserves of free amino acids, and the synthesis of adaptive enzymes may also take place at the expense of the consumption of other proteins (reference 5). The authors' results show that the phenomenon of the increase in invertase activity of the cells is not connected with the increase in activity of that portion of enzyme which was absorbed from the medium and remained connected with the cell. For the purified preparation without a source of nitrogen nutrition did not have this effect. Consequently an additional activity forms here which is connected with the synthetic process. This is indicated by the necessity of an energy exchange (reference 1). There are 2 tables, and 6 references, 5 of which are Slavic.

ASSOCIATION: Ural State University imeni A.M. Gor'kiy (Ural'skiy gosudarstvennyy universitet im. A.M. Gor'kogo)

Card 3/4

On the Synthetic Mature of the Formation of Active Invertase in **20-1-41/58**
Saccharomyces globosus Under the Influence of Yeast Invertase.

PRESENTED: August, 12, 1957, by A.I. Oparin, Academician

SUBMITTED: August 12, 1957

AVAILABLE: Library of Congress

Card 4/4

GORODOVICH, N.M., nauchnyy sotrudnik

Prophylaxis of thelaziasis. Veterinariia 39 no.9:26-27 S
'62. (MIRA 16:10)

1. Dal'nevostochnyy nauchno-issledovatel'skiy veterinarnyy institut.

GORODOVICH, N.M., nauchnyy sotrudnik

Deworming cattle in case of thelaziasis caused by Thelazia gulosa
and Thelazia skrjabini. Veterinariia 40 no.7:22-23 Jl '63.
(MIRA 16:8)

1. Dal'nevostochnyy i nauchno-issledovatel'skiy veterinarnyy
institut.
(Amur Province--Parasites--Cattle) (Amur Province--Nematoda)

GONCHAROV, I.Ye., kand. veterin. nauk; MYALO, I.I., kand. veterin. nauk;
GORODOVICH, N.M., veterin. vrach

Sprayer with a hand pump. Veterinariia 40 no.10:62 O'63.
(MIRA 17:5)

1. Dal'nevostochnyy nauchno-issledovatel'skiy veterinarnyy
institut.

GORODOVIKOVA, T.

Gorodovikova, T. - "Pathohistological changes in paralyzed muscles in residual stages of polimyelitis", Sbornik nauch. trudov (M-vo zdravookhraneniya RSFSR. Resp. nauch.-issled. in-t vosstanovleniya trudosposobnosti fiz. defektivnykh detey im. prof. turnera), Leningrad, 1948, p. 59-69, - bibliog: 11 items.

SO: U-3042, 11 March 53, (Letopis 'Zhurnal 'nykh Statey, No. 17, 1949).